

# AMERICAN JOURNAL OF EDUCATION

UNIVERSAL EDUCATION  
THE SAFETY OF A REPUBLIC

Vol. XXXV. No. 6.

MILWAUKEE, FEBRUARY, 1902.

One Dollar a Year.

## A JOURNAL FOR PROGRESSIVE TEACHERS.

Entered Nov. 4, 1901, as second class matter. Postoffice at Milwaukee, Wis.,  
Act of Congress of March 3, 1879.

### EDITORS

S. Y. GILLAN,  
Milwaukee.

T. H. PERRIN,  
St. Louis.

HENRY SABIN,  
Des Moines.

## CONTENTS

### EDITORIAL.

A persistent topic.....	157
Officialism in Wisconsin.....	158
Institute notes.....	160
The new year.....	162

### INSTITUTE.

Playground education .....	163
Grammatical terms, <i>J. N. Patrick</i> .....	168
Healthy cities.....	169
Some child-study results.....	169
Do you "see" the point?.....	171
Examinations, <i>W. L. Morrison</i> .....	172

The dull boy.....	172
Easy lessons in science, <i>C. P. Sinnott</i> .....	173
Indian and Negro education, <i>Gen. John C. Moore</i> .....	175
Ideals of scholarship and success.....	177
Exercises in transposing prose into verse, <i>W. E. Anderson</i> .....	180
Declamations, <i>H. J. Hockenberry</i> .....	182
CURIOSITIES AND QUIPS.....	186
READINGS AND RECITATIONS.....	187
CLEARING HOUSE.....	189
BULLETIN.....	189

Address all Correspondence to

**S. Y. GILLAN & CO., - MILWAUKEE, WIS.**

## ADVERTISEMENTS.

We call the attention of all High School Teachers interested in History and Science to the following books:

**BOTSFORD'S HISTORY OF ROME,** Price, \$1.10

This book is unique in making constant use of sources selected by the author with rare judgment and so woven into a complete whole as to conform to modern ideals of teaching.

The narrative is simple and direct, well within the comprehension of the High School student.

Botsford's "Rome" is suited to a one-half year course.

**BAILEY'S BOTANY,** Price, \$1.10

"The illustrations are numerous, clear and instructive. The experiments are simple. The arrangement is pedagogical. The pupil begins studying the plant as a whole instead of beginning with the physiological features. The language is plain and definite."

In the year that Bailey's Botany has been published it has been adopted by the High Schools of St. Louis, Cleveland, Columbus and New York City and hundreds of other schools.

FOR THE GRADES:

TARR & McMURRY GEOGRAPHIES.

CHILD LIFE READERS.

WOODLEY'S LANGUAGE BOOKS.

Those interested are requested to correspond with

**THE MACMILLAN COMPANY,**

215 WABASH AVENUE, CHICAGO.

# The Western Teacher Song Book.

30th THOUSAND.

NEW EDITION WITH MUSIC.

The best collection of popular and patriotic songs for common school use. Bound in heavy paper, leatheret back, style of Gillan's *Quarterly*. In use in many teachers' institutes in Wisconsin, Iowa and other states.

Begin right this year by ordering a supply of these books for your school. Price \$1.00 a dozen. A sample copy will be sent on receipt of five two-cent stamps. Special introduction rates.

PUBLISHED BY

S. Y. GILLAN & CO.,

141 Wisconsin Street, MILWAUKEE, WIS.

# 20th CENTURY SCHOOL SOUVENIRS.

Samples Free to Any Address.

Write for Them.

Most appropriate  
gift from  
Teacher to Pupil  
for  
Close of School  
Easter  
Christmas  
or any occasion  
when a Remem-  
brance is desired.



## THESE NEW STYLE BOOKLET SOUVENIRS

are by far the most hand-  
some designs ever produced.  
Each Souvenir is a dainty  
booklet, with handsome  
cover, with gold edges, em-  
bossed and illuminated. In  
all designs are printed the  
name and number of school,  
names of pupils, teacher and  
school officers, thus com-  
bining with appropriate  
verse to make a beautiful  
and charming keepsake.

**STYLE No. 1** Booklet Souvenir, eight pages,  
cover in bright colors, showing  
flowers and landscape designs. Two pages for  
pupils' and teachers' names, etc., and two pages  
of poetry.

PRICE—Without teacher's photo, first 12 for  
75 cents; additional ones 3 cents each. With  
teacher's photo, first 12 for 90 cents; additional  
ones 4 cents each.

**STYLE No. 2** Booklet Souvenir. Similar to  
style No. 1, but cover design as  
shown in illustration. We recommend Style No. 1  
Souvenirs for primary pupils; No. 2 for more  
advanced grades. Orders may be assorted from  
Nos 1 and 2.

PRICE—Without teacher's photo, first 12 for  
75 cents; additional ones 3 cents each. With  
teacher's photo, first 12 for 90 cents; additional  
ones 4 cents each.

**STYLE No. 3** AMERICAN POETS SOUVENIRS. Longfellow, Whittier, Holmes, Lowell, Bryant,  
and Eugene Field. Twelve pages, with selections from these writers, and author's  
portrait on cover, or teacher's portrait if preferred. By far the finest booklet souvenirs on the mar-  
ket. Appropriate for any occasion. Specially appropriate for author's birthday celebrations. All  
Poets Souvenirs are furnished assorted unless ordered differently.

PRICE—First 15 for \$1.25. Additional ones 4 cents each.

Poets Souvenirs can be furnished with teacher's portrait at 1½ cents each additional to these prices.

In ordering give name and number of school, name of town or township, county and state,  
names of teacher, school officers and pupils. Write all names very plainly. At least as many souve-  
nirs must be ordered as there are names to be printed. Address all orders to

**EDINBORO PUBLISHING CO.**

EDINBORO, PA.

**10 Cents**

\*\*\* A WONDERFUL OFFER OF \*\*\*  
**SUNSHINE MAGAZINE**

To introduce Sunshine Magazine to readers of the Journal of Education, we make this  
truly wonderful offer. For only 10 cents, if received before March 15, we will send you  
**SUNSHINE MAGAZINE** to July 1, 1902. The price of **SUNSHINE** is 50 cents per year  
but this gives you five numbers (six if you order promptly) for only one dime. **SUNSHINE**  
contains pieces to speak, recitations, declamations, dialogues. It is the best paper of its  
kind and every public school teacher, every Sunday school teacher, every parent, every  
pupil needs **SUNSHINE MAGAZINE**. All will take it at the ten cent rate. Will you se-  
cure a club of ten for us? If you will do so we will send you free, as a premium, a copy of  
"Irish's Treasured Thoughts," regular price fifty cents. "Treasured Thoughts" is a hand-  
some cloth bound literary gem book of 160 pages. It contains selections and quotations  
from the best authors and for all occasions, and is a book which every teacher and young  
person needs. As stated above, the price of "Treasured Thoughts" is fifty cents, but we  
will give a copy free to every person mailing us a list of only ten trial subscriptions to  
**SUNSHINE MAGAZINE** at ten cents each before March 1, 1902. Get up your club  
to-day. Address all orders to

**EDINBORO PUBLISHING CO.**

EDINBORO, PA.

**MAYNARD, MERRILL & CO.,**

Publish approved Text-Books in Reading, Writing, Drawing, Spelling, Arithmetic, Algebra, History, Language Work, Grammar, English Literature, Rhetoric, Physiology, Psychology, Physics, Political Economy, Mythology, Music etc. **BOSTON, NEW YORK, CHICAGO.**

**Gillan's Mathematical Geography. By S. Y. Gillan.****NOW ISSUED AS NO. 11 OF GILLAN'S QUARTERLY.**

The work in Mathematical Geography in Wisconsin, Illinois and many of the schools of Iowa, follows the plan of this book, and teachers will find it very helpful. One city superintendent ordered 300 copies for the use of his seventh and eighth grade pupils.

**PRICE, 10 CENTS.****\$1.00 A DOZEN.****S. Y. GILLAN & CO.,****141 Wisconsin St., Milwaukee, Wis.****SUMMER SESSION****Cornell University,**

July 7 to August 16, 1902.

**94 COURSES IN 23 DEPARTMENTS.**

Single Tuition Fee of \$25. Inexpensive Living. For Circular and Book of Views, address.

The Registrar, Cornell University, Ithaca, N. Y.

**THOS. R. SHEWELL & CO.****Publishers**

**BOSTON NEW YORK CHICAGO**  
68 Chauncy St. 111 Fifth Ave. 378 Wabash Ave.  
Address Nearest Office.

SEE OCCASIONAL BULLETINS IN THIS JOURNAL.

**Break Up That Cold**

**Stop That Headache  
and Avoid Pneumonia**

WITH

**Dr. Means' La Grippe Pills****A GUARANTEED CURE**

No injurious or unpleasant after effects. Their phenomenal sale alone is proof of their virtue. 5000 boxes sold in our home county within the past twelve months. A postal brings you our circular, or enclose 25c in stamps and receive a box by return mail.

**HOWARD A. KEISER.**

Mail Order Dept.

CORNWALL, PA.

**The Young Citizen.****FOR ALL SCHOOLS AND ALL GRADES.**

High Class articles on art, nature and history, with pictures of famous paintings, new music, club magazine miscellany.

**EVERY SCHOOL SHOULD HAVE IT.**

Suggestions for school clubs and societies. Programs for entertainments. Current news. Busy work for the primary.

**SPECIAL OFFER TO COUNTRY SCHOOLS.**

Write for Particulars.

Sample Copy Free.

**SUPPLEMENTARY READING IN A NEW  
AND ATTRACTIVE FORM . . . . .**

**THE YOUNG CITIZEN PUBLISHING CO.,  
CEDAR FALLS, IOWA.**

**TO ENROLL**

for accidental vacancies, and to get in line for promotion next year.

For circular giving particulars, and exceptionally strong testimonials, address

**The Western Teachers' Agency,****Milwaukee, Wis.**

**Valparaiso College and Northern Indiana Normal School, Valparaiso, Indiana, offers exceptionally fine opportunities for doing a high grade of work in the following**  
**DEPARTMENTS:** Preparatory, Teachers', Scientific, Classic, Engineering, Oratory, Pharmacy, Musical, Fine Art, Law, Commercial, Phonography, Typewriting and Review.

**The Pedagogical Department** is not only supplied with a full reference library, consisting of all the latest and most approved books treating on professional work, but it has also excellent apparatus for experimental purposes.

**The Commercial Department** is provided with a more extensive line of offices than has ever been attempted by any other school.

**The Pharmacy Department** is one of the few in the United States that has laboratory facilities for doing all the work. What is true of the equipments of these departments is true of the other departments. Attention is called to this to show that while the

as at other high grade schools, yet the advantages are the best. Tuition, \$10 per term. Board and furnished room, \$1.50 to \$1.90 per week. Catalogue free. Address, **H. B. BROWN, President.**

**H. B. BROWN, President,  
or O. P. KINSEY, Vice-President.**

**Calendar:** Spring Term will open April 1, 1992; Summer Term will open June 10, 1992; Fall Term will open September 2, 1992; First Winter Term will open November 11, 1992.

## REPORT OF

TEACHER

[illegible]

Each column is for a month's record.

**To the Parent or Guardian.**

Please examine this Report and sign it in the proper space on the back of the card. The department is marked in numbers according to the general behavior; 100 indicates the highest degree of excellence; 95 very good; 90 to 95 good; 80 to 90 medium; 70 to 80 poor; less than 70 very poor. The same scale is used for the various studies.

This is a *fac simile* of the face of our new *Report Card*, somewhat diminished in size. On the back are blanks for parent's signature.

It is only fair that the parent should know each month how the child stands in his classes and what his general attitude toward the school is. The word of commendation or admonition which he is thus enabled to speak at an opportune time is often of the highest advantage to the child. The report card properly used is a wholesome incentive to the pupil, and becomes a thread of interest and influence between the home and the school. It is easy enough to say that if there is not a genuine interest these artificial stimuli will avail but little; yet as a practical force they avail much. It *ought* not to be necessary? Perhaps not.

but this is America, not Utopia, and people in this country are very busy, engrossed with the cares of making a living. The monthly report directs attention which would not otherwise be bestowed on the child's school work.

**PRICE 20 CENTS A DOZEN OR 1 CENT EACH IN LOTS OF 25 OR MORE.**

**100 FOR 60 CENTS.**

**FOR SALE BY**

**S. Y. CILLAN & CO.,**

**141 Wisconsin Street.**

**MILWAUKEE, WIS.**




# Some Good Books for Teachers

- No. 1. **TRACING AND SKETCHING LESSONS IN GEOGRAPHY**, by S. Y. Gillan. As a hand-book for the teacher's guidance, and a source from which to get supplementary matter with which to enliven and enrich the work in this branch, the book fills a place not occupied by any other. Price, in Paper, 40 cents; Cloth, 75 cents.
- No. 3. **LANGUAGE LESSONS**.—A storehouse of supplementary matter for teachers of all grades. Price, 30 cents.
- No. 4. **READINGS AND RECITATIONS**.—Selected from this department in the *Western Teacher*. Price, 20 cents.
- No. 5. **ARITHMETIC IN THE COMMON SCHOOL**, by S. Y. Gillan. Contains helpful special methods and devices for the teaching of particular subjects and for teachers in all grades. Price, 40 cents.
- No. 6. **CURIOSITIES FOR THE SCHOOLROOM**.—A collection of well chosen exercises to stimulate interest and investigation on the part of pupils. Price, 10 cts.
- No. 7. **DRILL TABLES AND PROBLEMS IN ARITHMETIC** for Mental Training, by W. C. Hewitt and S. Y. Gillan, is a unique series of lessons differing widely from the so-called mental arithmetic. Price 10 cents, \$1.00 a dozen.
- No. 8. **RIFFLE CREEK PAPERS AND LITTLE SERMONS**, by S. Y. Gillan, present in a practical way some of the basic facts of pedagogy. The development of each subject proceeds on the assumption that plain language and practical illustrations are the best medium for imparting educational doctrine. Paper, 40 cts., Cloth, 65 cts.
- No. 9. (Special) **ATLAS OF TWO WARS**. A collection of up-to-date maps of the Philippines and the Transvaal, also of Cuba, Porto Rico and Hawaii, and a correct map showing territorial growth of the United States. Price 25 cents.
- No. 10. **GRAINS OF WHEAT WITHOUT THE CHAFF**, winnowed by S. Y. Gillan. A rich collection of pedagogical articles written in a pleasing style. Price 20 cents.
- No. 11. **MATHEMATICAL GEOGRAPHY**, by S. Y. Gillan. Price 10 cents.
- No. 12. **MUSIC STUDENTS' GUIDE**, by Mrs. H. R. Reynolds, Supervisor of Music, Des Moines, Iowa. Price, 25 cents.
- No. 13. **SUPPLEMENTARY LESSONS IN GEOGRAPHY**, compiled by S. Y. Gillan, is just what its name indicates. Price, 20 cents.
- No. 14. **PAGE'S THEORY AND PRACTICE OF TEACHING**. Edited by S. Y. Gillan. Price, 40 cents.
- No. 15. **HANDY ATLAS OF THE WORLD**. 400 pages. Accurate maps and descriptive matter. Census of 1900. 40 cents.
- No. 16. **WESTERN TEACHER SONG BOOK**.—Price, 10 cents; \$1 a doz.
- No. 17. **A SUMMER OF SATURDAYS**, by C. W. Smith. This story is rich in boy study and nature study. Price 40 cents, (paper), 65 cents (cloth).

We cannot send any of these numbers as free sample copies, but will refund the money for any one that is returned as unsatisfactory within a week after its receipt by the purchaser

**S. Y. GILLAN & CO.,**

141 Wisconsin St., Milwaukee, Wis.

**THE BEST SCHOOL PENS**  
ARE  
**ESTERBROOK'S**  
**SLANT AND VERTICAL**  
All the  
Popular Styles  ESTERBROOK & CO. PROFESSIONAL PEN.  
Ask your Stationer.  
ONE HUNDRED AND FIFTY VARIETIES  
THE **Esterbrook Steel Pen Co.**  
Works, Camden, N. J. 26 John St., New York.

**CLARK TEACHERS AGENCY**  
**B. F. CLARK**  
378-388 Wabash Ave.  
CHICAGO

**THE EDUCATIONAL EXCHANGE**

Enjoys the confidence of teachers and employers because it confines itself to a LEGITIMATE BUSINESS on CONSERVATIVE LINES. We should be pleased to explain our plans to you.

Address, **HENRY SABIN,**  
Manhattan Bldg., DES MOINES, IA.



With its thousands of miles of perfectly equipped road reaches the most important points in Illinois, Iowa, Wisconsin, Northern Michigan, Minnesota, North and South Dakota, Nebraska and Wyoming.

**SOLID VESTIBULED TRAINS**

Between Chicago and St. Paul, Minneapolis, Council Bluffs, Omaha, Denver and Portland.

**FREE RECLINING CHAIR CARS**

Between Chicago, Council Bluffs, Omaha, Denver and Portland.

**THROUGH SLEEPING CARS**

Between Chicago and San Francisco without Change.

**SUPERB DINING CARS**

For Tickets, Time Tables and full information apply to Agents

**CHICAGO & NORTHWESTERN RAILWAY,**

Or address the Gen'l Pass. and Ticket Ag't at Chicago.

H. R. McCULLOUGH, 3d Vice-President. W. B. KNISKERN, Gen. Pass. & Trk. Agt. Chicago.

**WE WANT  
YOUR  
BUSINESS**

IN these days of keen competition, the most progressive printers get the business. We have a plant equipped with all the latest labor-saving appliances and machinery which enable us to do the best work at the lowest possible prices.



**Perrin & Smith  
Printing Company**

217-219 Olive St., ST. LOUIS.

**Chicago, Milwaukee & St. Paul  
RAILWAY**

Owens and operates 6,600 miles of thoroughly equipped road.

**FIRST-  
CLASS IN  
EVERY  
RESPECT**

It traverses the best sections of the States of Illinois, Wisconsin, Iowa, Missouri, Minnesota, South Dakota, North Dakota, and the Upper Peninsula of Michigan.

For further information, address

**F. A. MILLER,**  
General Passenger Agent,  
CHICAGO, ILL.

**THE CENTRAL TEACHERS' AGENCY, Ruggery Bld., Columbus, Ohio.**

Now is the time to register. If you desire a better position write us frankly concerning your qualifications and we will as frankly tell you what we can do for you. Reference book free.

J. M. ADAMS, Manager.

Have You Seen \_\_\_\_\_

## RIFFLE CREEK PAPERS

AND LITTLE SERMONS FOR TEACHERS?

The book has been placed on the public school library lists of four states, and is adopted for teachers' reading circles in many counties.

Don't be misled by the sub-title, "Little Sermons," and imagine that the book is full of dry essays. The following testimonials will correct that impression:

### Watch this Space Each Month

for opinions of other educators.

SUPT. GREENWOOD, of Kansas City, says:

With deepest interest and many laughs, I have read "Riffle Creek Papers" and "Arithmetic in the Common Schools." Every teacher, as well as high, sonorous, pedagogical professors, ought to read these two bright, sensible, philosophical books. They clear up the hazy atmosphere that has befogged so many intellects of recent years, owing to the stilted teaching of the would-be leaders in educational thought. *You have fired solid shot. Do it some more.*

THE SCHOOL GAZETTE, Harrisburg, Pa., says: Riffle Creek Papers contain psychology in concrete form, easily grasped by the public school teacher. It is as interesting as the Evolution of Dodd, and as entertaining as Roderick Hume. Such a book as this must multiply the common school teacher's insight into his work many fold. The book has already been adopted for the State Library list for schools in Wisconsin and also in Iowa, South Dakota and Minnesota.

The price of the book, cloth bound, is 65 cents; paper edition, 40 cents. Published by **S. Y. GILLAN & CO., Milwaukee, Wisconsin.**

**"THE ONLY WAY."**

**ST. LOUIS  
TO  
CHICAGO.**

**4 PERFECT TRAINS, 4**

**MORNING, NOON, NIGHT AND MIDNIGHT,  
EVERY DAY IN THE YEAR.**

The equipment of these trains is matchless in every detail. Free Chair Cars; Pullman Compartment and Standard Sleepers; Café Dining Cars; Parlor Cars with Observation Platforms.

**CHICAGO & ALTON RAILWAY.**

Write for time-tables, rates, etc., to **D. BOWES, Ass't Gen'l Pass. Agent,**  
**ST. LOUIS, MO.**





Is the greatest Secondary School of the Northwest.  
In seventeen years this school has trained  
15 000 students.

**NO ENDOWMENT, just BRAINS and PLUCK.**

**Winter Term Opens October 28.**

**Sixteen Departments :**

College Preparatory,

Normal,	English,
Elocution,	Pharmacy,
Physical Culture,	Business,
Vocal Music,	Drawing,
Kindergarten,	Shorthand,
Civil Service,	Typewriting,
Telegraphy,	Penmanship,
Professional Preparatory.	

No entrance examinations. All Work  
Elective. Board and room \$2.00 per  
week. Send for Catalog.

**W. N. FERRIS, President, Big Rapids, Michigan.**

## THE "LAKE SUPERIOR LIMITED"

— ON THE —

**"Duluth Short Line"**

Of the **Northern Pacific** is the **NONPAREIL** of  
Daylight trains in the Northwest.

It runs **Daily** in both directions between **St. Paul**  
and **Minneapolis** and **Duluth** and the **Superiors**.

It is a brand new train of four cars, hauled by  
Atlantic type engines, the only ones of the sort in the  
Northwest.

It consists of a combination baggage and smoking  
car, first-class coach, Parlor car, and **Observation**  
Cafe car—all electric lighted, steam heated, wide  
vestibuled, and Pullman built.

The **Parlor Car** is elegantly finished in mahogany  
and satin wood, has finely upholstered movable  
Wicker chairs, and the lavatory arrangements, particularly  
for women, are something quite unusual.

The **Observation Car** is also finished in mahogany  
and satin wood, has two smoking rooms, a fine  
library, desk and stationery free to passengers, and  
a large **Observation Parlor** with plate glass windows,  
and at the rear an observation platform. The  
**Cafe** serves the best of meals at very moderate prices.  
Try this train once and you will use no other.

**CHAS. S. FEE,**

**Gen'l Pass. Agent,**

**ST. PAUL, MINN.**

## SOUTHERN RAILWAY

ANNOUNCES THE  
OPENING OF THE WINTER

**TOURIST SEASON**

AND THE PLACING  
— ON SALE OF —

## Excursion Tickets

TO ALL PROMINENT  
POINTS IN THE

**South, Southwest, West Indies,  
Mexico and California,**

INCLUDING

**St. Augustine, Palm Beach, Miami, Jackson-  
ville, Tampa, Port Tampa, Brunswick,  
Thomasville, Charleston, Aiken,  
Augusta, Pinehurst, Asheville,  
Atlanta, New Orleans,  
Memphis and**

**THE "LAND OF THE SKY."**

PERFECT DINING AND SLEEPING CAR SER-  
VICE ON ALL TRAINS.

SEE THAT YOUR TICKET READS

**VIA SOUTHERN RAILWAY.**

Ask any Ticket Agent for full information, or  
address

**GEORGE B. ALLEN, A. G. P. A.,**  
St. Louis, Mo.

**S. H. HARDWICK,**  
General Passenger Agent.

**J. M. CULP,**  
Traffic Manager.

**W. A. TURK,**  
Asst. Pass. Traffic Manager.  
Washington, D. C.

**THE  
WINTER  
RESORTS**

..OF..

**TEXAS,  
MEXICO AND  
CALIFORNIA**

Best reached via the

**IRON  
MOUNTAIN  
ROUTE.**

Elegant Service. Excursion  
Tickets at Low Rates.

For further information, write  
H. C. TOWNSEND,  
Gen'l Pass'r and Tkt. Agt., St. Louis.

Chicago Office, 111 Adams St., BISSELL WILSON, D. P. A.

**TICKETS TO  
New York AND Boston**

—VIA—

**BIG FOUR ROUTE**

**LOOK AT THE SCHEDULE:**

Lv. St. Louis.....	8:30 a.m.	12:00 noon.	8:06 p.m.
Ar. Buffalo.....	2:55 a.m.	6:18 a.m.	7:30 p.m.
Ar. New York.....	2:55 p.m.	6:00 p.m.	8:00 a.m.
Ar. Boston.....	4:55 p.m.	9:00 p.m.	10:34 a.m.

Through Coaches, Dining Cars,  
Sleepers and Library Café Cars  
from St. Louis.

For Guides, Maps, Rates, Sleep-  
ing Car and Railroad Tickets,  
call at

**Big Four Ticket Office**  
**BROADWAY AND CHESTNUT.**

Or address, C. L. HILLEARY,  
A. G. P. A., ST. LOUIS.

## THE MOBILE & OHIO R. R.

The Safe and Comfortable Route  
for Citronelle and other Southern  
Winter and Summer Resorts.

Two finely equipped, wide vestibuled, Pintsch  
lighted trains, carrying through Pullman Palace  
Sleeping Cars, daily in each direction between

### ST. LOUIS and MOBILE

making close connection with lines from the  
North, East and West, Cuba and the WEST  
INDIES.

#### THE NEW

"FLORIDA AND ST. LOUIS LIMITED."

Sleeping Car Line daily  
between

St. Louis, Montgomery and  
Jacksonville, Florida.

For further information apply to

F. L. HARRIS, General Agent,  
C. RUDOLPH, D. P. A.,

505 Olive St., St. Louis, Mo.  
C. M. SHEPARD, Gen. Pass. Agt.  
J. T. POE, Gen. Traffic Mgr., Mobile, Ala.

## DIXIE FLYER ILLINOIS CENTRAL RAILROAD

OPERATES ALL YEAR ROUND

## PULLMAN SERVICE

BETWEEN

**ST. LOUIS AND  
NASHVILLE,  
CHATTANOOGA.  
ATLANTA and  
JACKSONVILLE, FLA.**

Fast Trains. Fine Equipment.

A. H. HANSON, G. P. A.,  
CHICAGO, ILL.

C. C. McCARTY,  
ST. LOUIS, MO.

ADVERTISEMENTS.

# LEAVITT'S OUTLINES OF BOTANY, - \$1.00

With Gray's Field, Forest, and Garden Flora, . . . \$1.80

## FOR THE HIGH SCHOOL LABORATORY AND CLASS-ROOM

By **ROBERT GREENLEAF LEAVITT, A. M.**  
of the Ames Botanical Laboratory.

Prepared at the Request of the Botanical Department of Harvard University.

### THIS BOOK OFFERS:

1. A series of laboratory exercises in the morphology and physiology of phanerogams.
2. Directions for a practical study of typical cryptogams, representing the chief groups from the lowest to the highest.
3. A substantial body of information regarding the forms, activities and relationship of plants, and supplementing the laboratory studies.

FULL PARTICULARS AND TERMS OF INTRODUCTION SENT ON REQUEST.

**AMERICAN BOOK COMPANY,**  
**PUBLISHERS,**

NEW YORK.

CINCINNATI.

CHICAGO.

A new Book of great and lasting interest to Teachers, just issued.

## JEAN MITCHELL'S SCHOOL

BY ANGELINA WRAY.

I have read and re-read the book. It is concrete pedagogy with life in it, a worthy contribution to the school thought and practice of the time.—*Supt. L. H. Jones, Cleveland.*

**JEAN MITCHELL'S SCHOOL** is superior beyond all comparison as a story of the School. The Evolution of Dodd is a strong example of special pleading, but Miss Wray has given us in Jean Mitchell, the teacher pure and simple in the midst of her wonderful work. The drama here unfolded is that belonging to this fundamental institution—the school. The teacher is a real heroine, winning, one by one, the lawless and the churlish among her pupils to a spirit of loving obedience and mutual regard and good fellowship.

This volume of 300 pages shows the growth of the "Ideal School" from month to month throughout the year. It is beautifully illustrated with drawings from nature studies appropriate to each month of the school year, and with half-tone pictures of the dramatic scenes. Elegantly bound in cloth. Price, \$1.25. Send to the

PUBLIC SCHOOL PUBLISHING CO.,  
BLOOMINGTON, ILL.

They also publish

### SCHOOL AND HOME EDUCATION,

an educational journal of the highest class, edited by Geo. P. Brown and of interest to teachers in all grades. Subscription price, \$1.25. Write for a sample copy.

For books for supplementary reading or for the Professional Reading of Teachers, write the

**PUBLIC SCHOOL PUBLISHING CO.**  
BLOOMINGTON, ILL.

## ELEMENTS OF . . . PEDAGOGICS.

By J. N. PATRICK.

In use in more than fifty High Schools in Wisconsin.

A few specimen opinions:

**A. A. THOMSON, State Inspector of Schools,**  
Madison, Wis.:

"It is the best work in the line of practical Pedagogy for the country school teacher that I have yet seen. I shall use it in my summer school."

**L. D. HARVEY, State Supt. Wisconsin:**

"Patrick's Elements of Pedagogics discusses practical questions in a practical way. I know of no better book for those who are beginning the study of pedagogy."

**Supt. J. M. GREENWOOD, Kansas City, Mo.:**

"Elements of Pedagogics is one of the most pointed and inspiring books I ever read. There is not a padded sentence in it. Every one interested in education should read it. No progressive teacher can read the book without wanting more."

Single Copies, 65 cents. Per dozen, \$6.50.

Address, **S. Y. GILLAN & CO.,**

141 WISCONSIN ST.,

MILWAUKEE, WIS.

# HALL'S ARITHMETIC PRIMER.

## The Arithmetic Primer

A NUMBER BOOK FOR BEGINNERS.

Designed to Precede Any Series of Arithmetics.

BY FRANK H. HALL.

AUTHOR OF

THE WERNER ARITHMETICS (A Three Book Course).

THE HALL ARITHMETICS (A Two Book Course.)

Cloth, 128 pages, Colored Illustrations.

Price, post-paid, 25 cents.

### Its Place in School.

In the Hands of First and Second Grade Teachers; in the hands of Pupils in the second year of Graded Schools; and in the hands of all pupils beginning Arithmetic in Ungraded Schools.

THE ARITHMETIC PRIMER is the only number book published suitable for the use of pupils in Second Grade work.

There are other recent books on our list which also stand for new and valuable educational ideas and about which we shall be glad to correspond with educational people.

Address.

**WERNER SCHOOL BOOK COMPANY,**

CHICAGO

NEW YORK

BOSTON

## New Geographies.

The Rand-McNally Geographies have been revised by Prof. Charles R. Dyer, of the Indiana State Normal School. There are ninety pages of new matter, many new maps and illustrations, and a special section on "The Industries of the United States."

### NOTABLE FEATURES.

- [1] The books contain the latest information available in the 1900 census reports.
- [2] They lay a broad foundation of Physical Geography, as a basis for the Political.
- [3] They emphasize the geography and industries of the United States.
- [4] They contain the best and latest maps.
- [5] They are adapted to present-day conditions and are eminently teachable.

**Why not examine them?**

## New Supplementary READERS

**FOUR OLD GREEKS**—By JENNIE HALL, *Instructor in History in the Chicago Normal School.* Illustrated, Cloth, 224 pages; for introduction, 35 cents.

**CHILD STORIES FROM THE MASTERS.**—By MAUDE MENESEE. Illustrated, Cloth, 104 pages; for introduction, 40 cents.

**CLASSIC MYTHS**—By MARY CATHERINE JUDD, *Principal of the Lincoln School, Minneapolis.* Illustrated, Cloth, 208 pages; for introduction, 35 cents.

**NORSE STORIES**—By HAMILTON WRIGHT MARIE, Edited by Katherine Lee Bates, *Professor of Literature in Wellesley College, Wellesley, Mass.* Illustrated, Cloth, 275 pages; for introduction, 40 cents.

**A CHILD'S GARDEN OF VERSE**—By ROBERT LOUIS STEVENSON. Illustrated by Miss Mars and Miss Squire.

**THE SUNBONNET BABIES' PRIMER**—By EULALIE OSGOOD GROVER. Illustrated in colors by Miss Corbett, "The Mother of the Sunbonnet Babies." Cloth. (Nearly ready.)

**ESKIMO STORIES**—By MARY E. SMITH, *of the Lewis-Clark School, Chicago.* With 70 half-tone illustrations by Howard V. Brown. Cloth.

Send for Complete List of Our New Books.

**RAND, McNALLY & COMPANY**

Publishers

Chicago

New York

London